



JOB DESCRIPTION

Position Title: **Mechanic**

Working Area: **Water & Sewer**

Class Code: 4506

Non-Exempt

EEO Code: 08

Effective Date: August 30, 2002

Major Function

Technical work in the installation, maintenance and repair of electrical, mechanical and hydraulic systems, pumps, and controls in the Water & Sewer Division.

Essential Functions

Note: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is a logical assignment to the position.

Performs general and major overhaul and repair of hydraulic equipment and water pumps. Inspects, adjusts and replaces necessary parts. Repairs and maintains electrical and electronic control equipment. Repairs and maintains chlorination equipment. Repairs new equipment. Maintains preventive and predictive maintenance programs.

Installs and repairs water distribution and sewer collection pipelines and appurtenances. Installs electronic equipment, electrical equipment, control panels and repair water and wastewater control systems. Performs maintenance and repair work on a variety of electronic, electrical and control panels related to the operation of water and wastewater control systems.

Maintains standardized work methods and schedules for the proper installation, programming, maintenance, modification, and repair of water and wastewater control systems.

Installs and repairs water distribution and sewer collection pipelines and appurtenances. Trouble shoots, repairs and calibrates mechanical and electrical flow measurement equipment. Maintains and repairs emergency power systems and related equipment.

Responds to emergency situations on a 24-hour basis.

Performs other duties as assigned or as may be necessary.



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Minimum Qualifications

Knowledge of the construction, assemble, adjustment and maintenance of a wide variety of hydraulic, mechanical and electrical equipment, pumps, motor starters, and chlorination equipment. Considerable knowledge of electrical schematics and electrical components. Knowledge of electronic and electrical control systems involved in the installation, maintenance, and modification of water and wastewater control systems.

Ability to operate heavy equipment including but not limited to backhoe, scraper, ditch-witch, front-end loader, and other similar equipment as necessary. Ability to comprehend control panels operations and make appropriate installations and repairs to ensure proper operation of water and wastewater control systems. Ability to read, interpret, and design repair and installation work diagrams for water and wastewater systems operations.

High School Diploma or GED and two (2) years' experience in electrical, electronic, hydraulic, or mechanical work relating to a water and wastewater utilities system.

Must possess and maintain a valid Florida Commercial Driver's License, Class "B". Some positions may be required to have an "H" endorsement.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

Working Conditions

This position may work in a water treatment and collection facility or perform fieldwork related to maintenance and repair of water systems. Incumbents may work in all types of weather conditions and work in areas with a high exposure to dust, dirt, fumes, vapors, and noise. This position may have exposure to situations that require wearing self contained breathing apparatus to perform repair work. Incumbents must be able to climb a minimum 20 foot vertical ladder and lift heavy objects.